



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Akira MATSUDA et al.**

Group Art Unit: **1775**

Serial No.: **10/719,020**

Examiner: **Robert R. Koehler**

Filed: **November 24, 2003**

Confirmation Number: **9168**

For: **PLATING BATH FOR FORMING THIN RESISTANCE LAYER,  
METHOD OF FORMATION OF RESISTANCE LAYER,  
CONDUCTIVE BASE WITH RESISTANCE LAYER, AND  
CIRCUIT BOARD MATERIAL WITH RESISTANCE LAYER**

Attorney Docket Number: **032130**

Customer Number: **38834**

**RESPONSE**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Date: July 5, 2005

Sir:

In response to the Office Action dated March 4, 2005, the response due date extended to July 4, 2005 by a 1-month Extension of Time, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.